Matthew Weihl | Resume

✉ mattdweihl@gmail.com

Skills

Languages: Bash, C++, Java, CSS/JavaScript/HTML, Python, TypeScript

Frameworks: Docker, Enzyme/ Jest, JDK, NodeJS, Qt, React, Spring Boot, Webpack

Platforms: Docker, Hadoop, Linux

DevOps: Git, Jenkins, SonarQube

Collaboration: Agile Development (Scrum), Jira, Slack

Experience

Lockheed Martin — **Manassas, Virginia**

Software Engineer, Rotary and Mission Systems — *July 2018 – Present*

Level 2 Software Engineer

- Developed display allowing operators to classify data using attributes from a database
- Implemented TCP/IP interface responsible for sending and receiving data from an external platform sensor and the main system
- Developed web app for analyzing and visualizing acoustic data
- Promoted program adoption of TypeScript to improve code quality across program
- Migrated search backend from Google Search Appliance to Elastic Search leading to an overall reduction in licensing and support costs for the customer
- Led team as scrum master, including directing daily standups, retrospectives, and sprint planning

ALSAC/ St Jude Children's Research Hospital — **Memphis, Tennessee**

Intern — *May 2017 – April 2018*

SharePoint developer

- Developed mailroom application to allow users to request supplies for events
- Developed workflow allowing departments to be emailed feedback from web portal
- Assisted in execution of migration of SharePoint 2010 to SharePoint 2013
- Trained interns and employees in SharePoint development

The University of Memphis — **Memphis, Tennessee**

Student Assistant — *January 2017 – May 2017*

TA for COMP 4270 - Operating Systems undergraduate class

- Evaluated C programming assignments for Linux submitted by students
- Aided course preparation, including leading lecture during instructor's absence
- Conducted weekly office hours to assist students with questions regarding course material and assignments

Education

The University of Memphis — **Memphis, Tennessee**

Bachelor of Science, Computer Science, GPA – 3.11 — *August 2014 – May 2018*

Association of Computing Machinery